

## The 20<sup>th</sup> Israel International Energy & Business Convention, Kfar Maccabia Hotel, Ramat Gan

### Securing energy supply while zeroing greenhouse gas emissions by 2050

#### Monday, January 22, 2024

08:00 - 09:00 Gathering, registration and breakfast.

09:00 - 11:00 Opening plenary session

#### The International, Regional & Israeli Energy Sector and the Impact of the War in Gaza

- **The impact of the war in Gaza on the regional and Israeli energy sectors**
- **The energy crisis and its impact on the global and Israeli economies.**
- **Global warming and its effect on Middle Eastern countries and Israel's preparation for climate change in the energy and water sectors**
- **Energy development policy and the shift to renewable energy.**

Chair and opening presentation: **Dr. Amit Mor**, Co-CEO, Eco Energy Financial & Strategic Consulting; Senior Lecturer at Reichman University

Mr. **Jacob (Kobi) Blitshtein**, Director General, Ministry of Energy

Ms. **Elizabeth Press**, Director, Planning and Programme, International Renewable Energy Agency (IRENA)

#### Lessons Learned from the War in Gaza on the Energy and Environment Sectors

Major General (Res.) Dr. **Yom Tov Samia**, General Director, GE Israel; Chairman, Apolo Power

Ambassador **Yael Ravia Zadok**, Deputy Director General, Head of Economic Affairs Division, Ministry of Foreign Affairs

Ms. **Sharon Hatzor**, VP Strategy, Planning and Policy, Ministry of Energy

Professor **Yoav Yair**, the School of Sustainability, Reichman University

Dr. **Shira Efron**, Senior Director of Policy Research at Israel Policy Forum and a Special Climate Change Adviser to Israel's Ministry of Defense

11:00 - 11:30 coffee and cake break

11:30 – 12:30

#### Development of Natural Gas Resources

- **Will natural gas exploration be renewed, what amount of gas should be exported, and what will happen to the prices?**

- **When will the Leviathan Phase 2 project be completed? Will more natural gas be exported to the neighboring countries, and will additional infrastructure be built?**
- **Will floating liquefied natural gas (FLNG) facilities be constructed? Will gas be exported to Europe?**
- **Will onshore storage reservoirs for natural gas be established?**

Mr. **Chen Bar Joseph**, Petroleum Commissioner, Ministry of Energy

Mr. **Yigal Landau**, CEO, Ratio Energies

Mr. **Amir Foster**, CEO Israeli Natural Gas Trade Association Executive Director, Chair of International Gas Union's Strategic Committee

12:30 - 13:45

### Investment Financing and Risk Management

- **How much capital is needed to build the infrastructure in the next 20 years?**
- **Who will finance and insure?**
- **Forecast of oil and natural gas prices and their impact on the value of energy companies,**
- **Analysts assessments of the value of public companies in the sector.**

Chair: Mr. **Shimon Seroussi**, Co-CEO, Eco Energy Financial & Strategic Consulting

Mr. **Adam Ben Yehuda**, Head of Project Finance Department, Investment Division, Mizrahi Tefahot Bank

Mr. **Alon Sela**, Head of Capital Markets & Investor Relations, Ratio Energies

### Research and Development and Start-Up Companies: From Cleantech and Energytech to Climatetech

- **Introduction to breakthrough technologies,**
- **Will more unicorns be established in Israel?**
- **Which funds will finance the investment and what is the role of the institutional bodies and the government?**

Chair: Mr. **Cody Vallez Norton**, Co-Founder, Head of Ignite International, Ignite the Spark

13:45 - 14:45 Lunch

14:45 – 16:30

### The Hydrogen Economy

- **The route from a fueling station and three hydrogen fueled electric trucks in 2023 to a hydrogen economy in 2025**

Chair: Dr. **Racheli Kreisberg**, Innovation Attaché, The Dutch Embassy in Israel

Mr. **Shlomi Basson**, VP, Bazan Group

Mr. **Amichay Bram**, VP Operation & Engineering, Sonol

Dr. **Shahar Dolev**, Senior Director, Model Development and Long-Term Policy, Ministry of Energy

Mr. **Amir Livneh**, VP Strategy, Israel Electric Corporation

Mr. **Yair Rubinstein**, VP Business Development INGL

### Transforming the Energy Sector to a Low Carbon Economy

- **Carbon tax: when and how will a carbon tax be imposed in Israel? Will Israeli exporters pay a carbon tax to European countries from 2026?**
- **The preparation of the industry to reduce its carbon footprint – efficiency measures, shift from fuels to natural gas and electricity and renewable energies.**
- **Carbon Capture, Utilization and Storage – CCUS: technologies, regulation and applications.**

Adv. **Elad Sharabani**, Partner at the Energy Department, Meitar Law Firm

Mr. **Lior Gallo**, Researcher, Macro Economic and Policy Analysis Division, Research Department, Bank of Israel

Prof. **Itay Fishhendler** and Dr. **Yair Grinberg**, Geography Department, Hebrew University

Mr. **Gabi Biton**, Chairman of the Energy Committee, Industrialists' Association

**16:30 End of day one**

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## Tuesday, January 23, 2024

08:00-09:00 Gathering, registration and breakfast

09:00-11:00

### Development of the Electricity sector

- **Lessons from the war in Gaza on the development of the electricity sector**
- **The electricity sector crisis: will we sit in the dark in the coming years?**
- **How many natural gas based power plants are needed for the economy?**
- **Will barriers to the establishment of solar power plants be removed? Will we reach 40% renewable energy and 10,000 megawatts of storage by 2040?**
- **How will trade and competition in electricity supply be carried out?**
- **How will the required investment in infrastructure be financed?**

Chair: Dr. **Amit Mor**, Co-CEO, Eco Energy Financial & Strategic Consulting; Senior Lecturer at Reichman University

#### Opening Presentations

Mr. **Amir Shavit**, Chairman, Electricity Authority

Mr. **Itai Gutglick**, Head of Macro Department, Electricity Authority

Mr. **Chen Herzog**, Chief Economist & Partner, BDO Consulting

Major General (Res.) **Sami Turgeman**, Chairman, Noga, Electricity System Management Co.

Mr. **Meir Shpigler**, CEO, Israel Electric Corporation (IEC)

Mr. **Giora Almogi**, CEO, OPC Energy

Mr. **Asaf Vitman**, CEO IPM

### Men of the Year in the Energy Sector Ceremony

### Renewable Energy and Management of Energy Systems – is it a feasible target to construct an additional 15,000 MW of capacity in the forthcoming decade?

- **Energy storage, Agri-voltaic electricity production and solar energy production in seas and lakes,**
- **Removing barriers to developing renewable energy.**

Chair: Mr. **Eitan Parnas**, Director, Green Energy Association of Israel

Mr. **Hony Kabalo**, Director of Israel Business Development, Enlight Renewable Energy

Mrs. **Dorit Banet**, CEO, Eilat Eilat Renewable Energy

Mr. **Ron Eifer**, Director, Sustainable energy Division, Ministry of Energy

Mr. **Jonathan, Floreshaim**, Head of Energy Sector Team, Budget Department, Ministry of Finance

11:00-11:30 Coffee and cake break

11:30- 13:30

### Energy Storage and Developing the Transmission Network

- **What is the optimal combination between developing the electricity grid and constructing storage facilities?**
- **Energy storage in battery farms – will a conventional storage facility provide electricity for 10 hours by the end of the decade?**

Chair: Dr. **Nurit Gal**, CEO E-NRGY

Mr. **Oz Levi**, VP electricity and regulation, Electricity Authority

Ms. **Dorit Hochner**, Senior Director Physical Planning, Ministry of Energy

### Alternative and electrical transportation

- **Electrical vehicles: what are the challenges of charging vehicle batteries?**
- **The profitability of propulsion technologies with hydrogen, compressed natural gas, biofuels and more**
- **Continuing propulsion with diesel and offsetting of carbon emissions**

Mr. **Dani Shavit**, CEO of Lubinski. Distributor of Peugeot, Citroen, Opel, DS, MG vehicles to Israel

Eng. **Avner Flor**, Head of Transportation Infrastructure Directorate, Ministry of Transportation

Mr. **Nahum Yehoshua**, Head of the Clean Transportation Department, Sustainable Energy Division, Ministry of Energy

13:30-14:30 lunch

14:30 – 16:30

### Waste to Energy

- **Will waste treatment facilities be established to generate energy in cities and local authorities?**
- **Will the bid to build a waste to energy project in Ramat Hovav succeed?**
- **Technologies, removal of barriers and required regulation.**

Chair: Mr. **Amos Lasker**, CEO EnergyCom

Mr. **Guy Samet**, General Director, Ministry of Environmental Protection

Mr. **Zohar Lavie**, Due Diligence & Regulation Consultant

Mr. **Baruch Weber**, Environmental Consultant, Former Director of the Southern Region, developmentMinistry of Environmental Protection

### Energy Development of the “Resurrection Region”

- **Lessons learned from the Gaza War for energy restoration of the “Resurrection Region”**
- **Energy security and energy independence in the region**
- **Renewable energy, energy storage and microgrid – prjectsof national priority**

Chair: Mr. **Amos Lasker**, CEO EnergyCom

Mr. **Gadi Yarkoni**, Head of Eshkol Regional Council

Ms. **Tal Avishai**, Director of Long-term Policy and Strategic Projects Division, Ministry of Energy

### Changes in the Global Oil Sector: have we reached “peak oil”?

16:30 **Conference closing**

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- The Program is subject to changes
  - Foreign lecturers will speak in English (simultaneous translation will be available)
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